

Amendments to the Claims

Please amend the claims as follows:

Claim 1 (currently amended): A printed circuit board comprising:

a power layer, wherein the power layer has n plane splits, wherein n is an integer greater than or equal to one, wherein a lossy material ~~is added to~~ fills each of the n splits; and

a ground layer.

Claim 2 (original): The printed circuit board of claim 1, wherein the lossy material has a DC impedance range of about 1,000 ohm to 10,000 ohm.

Claim 3 (original): The printed circuit board of claim 1, wherein the lossy material has a conductivity range of about 100 Mho/meter to 1,000 Mho/meter.

Claim 4 (original): The printed circuit board of claim 1, wherein the lossy material has electrical attributes that are consistent between about 100 Megahertz to 1 Gigahertz.

Claim 5 (original): The printed circuit board of claim 1, wherein the lossy material is a conductive ink.

Claim 6 (currently amended): The printed circuit board of claim 5, ~~wherein~~ wherein the conductive ~~tape ink~~ tape ink is comprised of a plurality of silver particles embedded in an insulating material.

Claim 7 (currently amended): The printed circuit board of claim 1, wherein the lossy material is a conductive tape.

Claim 8 (original): The printed circuit board of claim 1, wherein the ground plane has a plurality of splits.

Claim 9 (original): The printed circuit board of claim 8, wherein a lossy material is added to each of the plurality of splits in the ground plane.

Claim 10 (original): The printed circuit board of claim 1, wherein the printed circuit board is a four layer printed circuit board.

Claims 11-16 (withdrawn)

Claim 17 (currently amended): An apparatus comprising:

means for providing a high frequency return path in a first layer of a printed circuit board; and

means for reducing ~~the~~ radiation from plane splits in a second layer of the printed circuit board.

Claim 18 (original): The apparatus of claim 17 further comprising a means for reducing the routing complexity in the printed circuit board.

Claim 19 (original): The apparatus of claim 17 further comprising a means for reducing the waveform distortion of signals of the printed circuit board.

Claims 20-22 (withdrawn)